
Chapter 6—Option 11C Feature Set and ISM Parameters upgrade

Introduction

This chapter describes how to upgrade the Feature set and ISM Parameters on an Option 11C when the software is not being upgraded to a new release (same release upgrade). The Software Delivery (PCMCIA) card is not required to perform this type of upgrade.

How to upgrade Feature Set and ISM Parameters

Summary of steps

The Upgrading and Installation steps are summarized in the following list. They consist of:

- Invoking the Software Installation Program.
- Selecting the System Upgrade function.
- Selecting Feature Set and packages (optional).
- Selecting Incremental Software Management (ISM) parameters (optional).
- Validating keycodes.
- Loading the software.

Upgrading Feature Set and ISM Parameters

The following procedure describes how to upgrade the Feature Set and ISM Parameters without upgrading the software release.

Upgrading Feature Set and ISM Parameter Procedure

Step	Action														
1	Invoke the Software Installation Program using Overlay 143. Login to the system by entering LOGI<cr> then proceed with the following: <i>Note:</i> The response to PASS? is unique to each system. The response shown below is an example. <table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>PASS?</td><td>0000<cr></td></tr> <tr> <td>.</td><td>LD 143<cr></td></tr> <tr> <td></td><td>UPGRADE<cr></td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>SOFTWARE INSTALLATION PROGRAM message appears</td><td>Step 2</td></tr> <tr> <td>SOFTWARE INSTALLATION PROGRAM message does not appear</td><td>Repeat Step 1 (this step) make sure correct information is entered</td></tr> </table>	Prompt	Response	PASS?	0000<cr>	.	LD 143<cr>		UPGRADE<cr>	If	Do	SOFTWARE INSTALLATION PROGRAM message appears	Step 2	SOFTWARE INSTALLATION PROGRAM message does not appear	Repeat Step 1 (this step) make sure correct information is entered
Prompt	Response														
PASS?	0000<cr>														
.	LD 143<cr>														
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If	Do														
SOFTWARE INSTALLATION PROGRAM message appears	Step 2														
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2	Select item 2 from the Main Menu. <table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td> Software Installation Main Menu 1. New System Installation or Option 11/11E Upgrade - From Software Daughterboard 2. System Upgrade 3. Utilities 4. New System Installation - From Software Delivery Card [q]uit, [h]elp or [?], <cr> - redisplay </td><td></td></tr> </table>	Prompt	Response	Software Installation Main Menu 1. New System Installation or Option 11/11E Upgrade - From Software Daughterboard 2. System Upgrade 3. Utilities 4. New System Installation - From Software Delivery Card [q]uit, [h]elp or [?], <cr> - redisplay											
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—continued—															

Upgrading Feature Set and ISM Parameter Procedure (Continued)

Step	Action	Response
	Prompt	Response
	Enter Selection:	2<cr>
3	Select item 3 from the Select Upgrade to be Performed menu.	
	Select type of upgrade to be performed: 1. Option 11/11E to Option 11C 2. Option 11C New Software Upgrade 3. Option 11C Feature/parameter Upgrade [q]uit, <cr> current menu, [m]ain menu, [p]revious menu	
	Prompt	Response
	Enter Selection:	3<cr>
4	Indicate whether the current Feature Set will or will not be retained.	
	Prompt	Response
	Do you wish to change the Feature Sets?	n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu)
	If	Do
	the response was n	Step 6
	the response was y	Step 5
—continued—		

Upgrading Feature Set and ISM Parameter Procedure (Continued)

Step	Action				
5	Select the Feature Set to be enabled. Note: The Feature Set selected must match the ones provided with key codes. The Feature Set names shown below are examples only. *** NOTE: The following questions require information on the Keycode Data Sheet. Please have it available.*** *** NOTE: If an External Data Card is being used for this system, please insert it into drive b: Now.*** (The following feature sets are examples) Select Feature Set You Wish to Enable: - General Business (NTSKxxxx) - Enhanced Business (NTSKxxxx) - Enterprise (NTSKxxxx) - NAS/VNS (NTSKxxxx) - Retain current Feature Set Note: Item 5 retains existing ISM parameters. <table> <tr> <th>Prompt</th><th>Response (example)</th></tr> <tr> <td>Enter Selection:</td><td>2<cr> (Enhanced Business)</td></tr> </table>	Prompt	Response (example)	Enter Selection:	2<cr> (Enhanced Business)
Prompt	Response (example)				
Enter Selection:	2<cr> (Enhanced Business)				
—continued—					

Upgrading Feature Set and ISM Parameter Procedure (Continued)

Step	Action										
6	Indicate whether or not packages are to be added.										
	Feature Set Selection: Enhanced Business										
	<table> <tr> <th>Prompt</th><th>Response (example)</th></tr> <tr> <td>Do you wish to add packages?</td><td>n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu)</td></tr> <tr> <td>If</td><td>Do</td></tr> <tr> <td>the response was n</td><td>Step 9</td></tr> <tr> <td>the response was y</td><td>Step 7</td></tr> </table>	Prompt	Response (example)	Do you wish to add packages?	n <cr> (no) y <cr> (yes) a <cr> (abort, return to main menu)	If	Do	the response was n	Step 9	the response was y	Step 7
Prompt	Response (example)										
Do you wish to add packages?	n <cr> (no) y <cr> (yes) a <cr> (abort, return to main menu)										
If	Do										
the response was n	Step 9										
the response was y	Step 7										
7	Select the Feature packages to be added.										
	Summary of Packages selected is: 0-2 4-5 7-14 16-25 28-29 32-64 67 70-77 79-83 86-93 95 98-104 107-111 113-116 118-120 122-125 127-129 131-133 135 137-141										
	<table> <tr> <th>Prompt</th><th>Response (example)</th></tr> <tr> <td>Enter packages (s) to be added, blank line to end:</td><td>215-235<cr> <cr> (ends selection entry or if no packages are to be added)</td></tr> </table>	Prompt	Response (example)	Enter packages (s) to be added, blank line to end:	215-235 <cr> <cr> (ends selection entry or if no packages are to be added)						
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Enter packages (s) to be added, blank line to end:	215-235 <cr> <cr> (ends selection entry or if no packages are to be added)										
—continued—											

Upgrading Feature Set and ISM Parameter Procedure (Continued)

Step	Action																					
8	Confirm Feature Set and added packages. Your Feature Set Selection is "Enterprise Business": Additional Packages selected: none Summary of Packages selected is: 0-2 4-5 7-14 16-25 28-29 32-64 67 70-77 79-83 86-93 95 98-104 107-111 113-116 118-120 122-125 127-129 131-133 135 137-141 200-210 212																					
	<table><tr><th>Prompt</th><th>Response</th></tr><tr><td>Is this correct?</td><td>n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu)</td></tr><tr><th>If</th><th>Do</th></tr><tr><td>the response was n</td><td>Step 5 and enter the correct Feature set and packages</td></tr><tr><td>the response was y</td><td>Step 9</td></tr></table>	Prompt	Response	Is this correct?	n <cr> (no) y <cr> (yes) a <cr> (abort, return to main menu)	If	Do	the response was n	Step 5 and enter the correct Feature set and packages	the response was y	Step 9											
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If	Do																					
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9	Review ISM parameters. Note: The ISM parameters displayed on the terminal screen are the default settings associated with the Feature Set selection. If Feature Set is not changed, the parameters displayed remain as the current ISM parameters. These settings can be accepted without changes or changed to suit the requirements of the system. Current ISM Parameters: <table><tr><td>TNS</td><td>(1000)</td><td>(maximum number of terminal numbers)</td></tr><tr><td>AGNT</td><td>(1000)</td><td>(maximum number of ACD agents)</td></tr><tr><td>ACDN</td><td>(0100)</td><td>(maximum number of ACD DNs)</td></tr><tr><td>AST</td><td>(0000)</td><td>(maximum number of associate Sets)</td></tr><tr><td>DSL</td><td>(0000)</td><td>(maximum number of Digital Subscriber Loops)</td></tr><tr><td>LTID</td><td>(0000)</td><td>(maximum number of Logical Terminal IDs)</td></tr><tr><td>MOPT</td><td>(0000)</td><td>(Meridian Mail option)</td></tr></table>	TNS	(1000)	(maximum number of terminal numbers)	AGNT	(1000)	(maximum number of ACD agents)	ACDN	(0100)	(maximum number of ACD DNs)	AST	(0000)	(maximum number of associate Sets)	DSL	(0000)	(maximum number of Digital Subscriber Loops)	LTID	(0000)	(maximum number of Logical Terminal IDs)	MOPT	(0000)	(Meridian Mail option)
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Upgrading Feature Set and ISM Parameter Procedure (Continued)

Step	Action																		
	<table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>Do you wish to change ISM parameters?</td><td> n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu) </td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>the response was n</td><td>Step 12</td></tr> <tr> <td>the response was y</td><td>Step 10</td></tr> </table>	Prompt	Response	Do you wish to change ISM parameters?	n <cr> (no) y <cr> (yes) a <cr> (abort, return to main menu)	If	Do	the response was n	Step 12	the response was y	Step 10								
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10	Select ISM parameters.																		
	<table> <tr> <th>Prompt (example)</th><th>Response (example)</th></tr> <tr> <td>Enter new ISM parameters, <cr> to leave as is:</td><td></td></tr> <tr> <td>TNS (1000)</td><td><cr> (no change)</td></tr> <tr> <td>AGNT (1000)</td><td><cr> (no change)</td></tr> <tr> <td>ACDN (0100)</td><td><cr> (no change)</td></tr> <tr> <td>AST (0000)</td><td>100<cr> (change)</td></tr> <tr> <td>DSL (0000)</td><td><cr> (no change)</td></tr> <tr> <td>LTID (0000)</td><td><cr> (no change)</td></tr> <tr> <td>MOPT (0000)</td><td><cr> (no change)</td></tr> </table>	Prompt (example)	Response (example)	Enter new ISM parameters, <cr> to leave as is:		TNS (1000)	<cr> (no change)	AGNT (1000)	<cr> (no change)	ACDN (0100)	<cr> (no change)	AST (0000)	100<cr> (change)	DSL (0000)	<cr> (no change)	LTID (0000)	<cr> (no change)	MOPT (0000)	<cr> (no change)
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—continued—																			

Upgrading Feature Set and ISM Parameter Procedure (Continued)

Step	Action										
11	Confirm ISM parameters. New ISM parameters are: TNS (1000) AGNT (1000) ACDN (0100) AST (0100) DSL (0000) LTID (0000) MOPT (0000) <table><tr><th>Prompt</th><th>Response</th></tr><tr><td>Is this correct?</td><td>n<cr> (no) y<cr> (yes) a<cr> (abort, return to main menu)</td></tr><tr><th>If</th><th>Do</th></tr><tr><td>the response was n</td><td>Step 9</td></tr><tr><td>the response was y</td><td>Step 12</td></tr></table>	Prompt	Response	Is this correct?	n <cr> (no) y <cr> (yes) a <cr> (abort, return to main menu)	If	Do	the response was n	Step 9	the response was y	Step 12
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If	Do										
the response was n	Step 9										
the response was y	Step 12										
—continued—											

Upgrading Feature Set and ISM Parameter Procedure (Continued)

Step	Action										
12	Define the AUX ID.										
	Note: The default AUX ID is the system ID provided with the Option 11C. It should be replaced with the previous Option 11 or Option 11E site ID. <table> <tr> <th>Prompt (example)</th><th>Response (example)</th></tr> <tr> <td>Security ID: 12121212 Current AUX ID: 02020202 Do you wish to change the AUX ID?</td><td>y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)</td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>the response was n</td><td>Step 14</td></tr> <tr> <td>the response was y</td><td>Step 13</td></tr> </table>	Prompt (example)	Response (example)	Security ID: 12121212 Current AUX ID: 02020202 Do you wish to change the AUX ID?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)	If	Do	the response was n	Step 14	the response was y	Step 13
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If	Do										
the response was n	Step 14										
the response was y	Step 13										
13	Enter the AUX ID.										
	<table> <tr> <td>Enter the Option 11/11E System ID for the new AUX ID, <cr> to maintain</td><td>12121212<cr></td></tr> <tr> <td>New AUX ID: 12121212 Is this correct?</td><td>y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)</td></tr> </table>	Enter the Option 11/11E System ID for the new AUX ID, <cr> to maintain	12121212<cr>	New AUX ID: 12121212 Is this correct?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)						
Enter the Option 11/11E System ID for the new AUX ID, <cr> to maintain	12121212<cr>										
New AUX ID: 12121212 Is this correct?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)										
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Upgrading Feature Set and ISM Parameter Procedure (Continued)

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14	Review and confirm information entered.																																																				
	Same Release Upgrade Summary: <table><tr><td>Security ID</td><td>:</td><td>12121212</td><td></td></tr><tr><td>AUX ID</td><td>:</td><td>12121212</td><td></td></tr><tr><td></td><td></td><td>OLD</td><td>NEW</td></tr><tr><td>Feature Set</td><td>:</td><td></td><td>Enterprise Business</td></tr><tr><td>Added Pkgs</td><td>:</td><td></td><td>none</td></tr><tr><td>ISM Parameters</td><td></td><td></td><td></td></tr><tr><td>TSN</td><td>:</td><td>1000</td><td>1000</td></tr><tr><td>AGNT</td><td>:</td><td>1000</td><td>1000</td></tr><tr><td>ACDN</td><td>:</td><td>0100</td><td>0100</td></tr><tr><td>AST</td><td>:</td><td>0000</td><td>0100</td></tr><tr><td>DSL</td><td>:</td><td>0000</td><td>0000</td></tr><tr><td>LTID</td><td>:</td><td>0000</td><td>0000</td></tr><tr><td>MOPT</td><td>:</td><td>0000</td><td>0000</td></tr></table>	Security ID	:	12121212		AUX ID	:	12121212				OLD	NEW	Feature Set	:		Enterprise Business	Added Pkgs	:		none	ISM Parameters				TSN	:	1000	1000	AGNT	:	1000	1000	ACDN	:	0100	0100	AST	:	0000	0100	DSL	:	0000	0000	LTID	:	0000	0000	MOPT	:	0000	0000
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Upgrading Feature Set and ISM Parameter Procedure (Continued)

Step	Action																
15	Enter the keycodes																
	Note: Enter keycodes in place of x, y, z, shown in Response column. <table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>Enter new Keycodes:</td><td></td></tr> <tr> <td>Key 1:</td><td>xxxxxxxx<cr></td></tr> <tr> <td>Key 2:</td><td>yyyyyyyy<cr></td></tr> <tr> <td>Key 3:</td><td>zzzzzzzz<cr></td></tr> </table> <table> <tr> <th>If</th><th>Do</th></tr> <tr> <td>after the last keycode is entered, 'Keycode validation successful' ***WARNING*** A system restart will be invoked as part of the software installation process" message appears</td><td>Step 16</td></tr> <tr> <td>after the last keycode is entered, 'Keycode validation unsuccessful' message appears</td><td>Step 15 again to re-enter correct keycodes</td></tr> </table> Note: After three unsuccessful keycode validation attempts, the following message appears. Keycode validation unsuccessful. Installation aborted...returning to main menu.	Prompt	Response	Enter new Keycodes:		Key 1:	xxxxxxxx<cr>	Key 2:	yyyyyyyy<cr>	Key 3:	zzzzzzzz<cr>	If	Do	after the last keycode is entered, 'Keycode validation successful' ***WARNING*** A system restart will be invoked as part of the software installation process" message appears	Step 16	after the last keycode is entered, 'Keycode validation unsuccessful' message appears	Step 15 again to re-enter correct keycodes
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Upgrading Feature Set and ISM Parameter Procedure (Continued)

Step	Action										
16	Complete the software installation.										
	<table> <tr> <th>Prompt</th><th>Response</th></tr> <tr> <td>Are you sure you wish to perform the installation?</td><td> y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu) </td></tr> <tr> <th>If</th><th>Do</th></tr> <tr> <td>response was y</td><td>—End— See Note</td></tr> <tr> <td>response was n</td><td>Step 2</td></tr> </table>	Prompt	Response	Are you sure you wish to perform the installation?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)	If	Do	response was y	—End— See Note	response was n	Step 2
Prompt	Response										
Are you sure you wish to perform the installation?	y<cr> (yes) n<cr> (no) a<cr> (abort, return to main menu)										
If	Do										
response was y	—End— See Note										
response was n	Step 2										
	Note: A system reload (SYSLOAD) must be invoked for the changes to take effect. However, it need not be invoked immediately since the information is stored in the Option 11C until the SYSLOAD is performed. Since a SYSLOAD interrupts service on the system, it may be preferable to invoke it later when a service interruption is less inconvenient.										
	—End—										